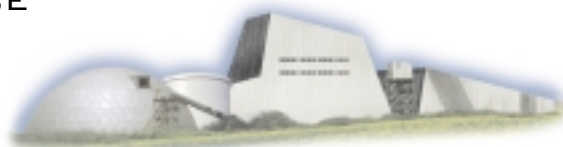


THE FY 2001 FOSSIL ENERGY BUDGET
STRENGTH THROUGH SCIENCE



FOSSIL FUELS
FUTURE FUELS

Imagine...

Vision 21 Power Plant of the Future

Coal & Power Systems

	FY 2001 Request
Central Systems	
- Innovations for Existing Plants	\$ 18.2
- Indirect Cycles	2.0
- Gasification Cycles	32.0
- Pres. Fluidized Bed	11.2
- Turbines	26.0
Distributed Systems	
- Fuel Cells	42.2
Sequestration	19.5
Fuels	15.7
Advanced Research	<u>27.0</u>
Total	\$ 193.8

Dollars in Millions

- ▶ Virtually Pollution Free
- ▶ Twice as Efficient (60%+)
- ▶ CO2 Emissions Cut in Half (or possibly to zero)
- ▶ Multi-Feedstock → Multi-Product

FY 2001 Budget: \$41.2 million
(from several budget lines in Coal & Power program)

Progress

October 1999 DOE Opens 1st Major Competition for Vision 21 Modules, Integration & "Virtual Demos"

FY 2001 Contracts in 2nd Year
Simulation Center in Operation at NETL
Major Test of Gas Separation Membranes

